

Description

Self-adhesive, metallised cast film with a three dimensional embossed texture. The alkyd resin surface provides Ultraleaf Cast with good weatherability and durable dimensional stability. With its permanent acrylic adhesive it has excellent adhesion properties to a variety of surfaces and is suitable for long-term outdoor application. Available in chrome and glossy gold.

Release Paper

Special silicone coated paper on one side, 135 g/m²

Adhesive

Solvent polyacrylate, permanent

Area of use

Specially developed as a unique pressure sensitive film for lettering, marking and decoration of vehicles, windows and signs with the highest requirements for long outdoor durability.

Technical Data

Thickness* (without paper and adhesive)	85 micron
Dimensional stability (FINAT TM 14)	Adhered to steel, shrinkage in cross and length direction 0,25 mm max.
Temperature resistance	Adhered to aluminium, -65° F to +160° F (-54° C to +71° C)
Resistance to solvents and chemicals	At room temperature, 72h after adhesion to aluminium, short-term resistant to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	16 N/25 mm
Tensile strength (DIN EN ISO 527)	Along: min. 17 MPa Across: min. 17 MPa
Elongation at break (DIN EN ISO 527)	Along: min. 35% Across: min. 35%
Shelf life**	2 years
Application temperature	> +10° C
Service life by specialist application under vertical outdoor exposure (normal climate of Central Europe)	5 years

* average ** in original packaging, at 20° C and 50% relative humidity

Note

Surfaces to which the material will be applied must be thoroughly cleaned and free from dust, grease or any other contamination that could affect the adhesion of the material. Freshly lacquered or painted surfaces should be allowed to dry for at least three weeks and to completely cure. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material. Furthermore, the application information published by ORAFOL must be considered. The batch traceability according to ISO 9001 is possible on the basis of the roll number.

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